


# Phase separation using an optoDroplet system

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 An abbreviated version of this protocol was published in Science Advances in Apr 2020

Nuclear actin regulates inducible transcription by enhancing RNA polymerase II clustering

DOI: 10.1126/sciadv.aay6515

## Detailed protocol

Please follow the paper for detail informaton.

Shin, Y., et al., Spatiotemporal Control of Intracellular Phase Transitions Using Light-Activated optoDroplets. Cell, 2017. 168(1-2): p. 159-171 e14.

**How to cite:**(Readers should cite both the Bio-protocol preprint and the original research article where this protocol was used)

1. Sun, Y. (2020). Phase separation using an optoDroplet system. Bio-protocol Preprint. [bio-protocol.org/prep638](https://bio-protocol.org/prep638).
2. Wei, M., Fan, X., Ding, M., Li, R., Shao, S., Hou, Y., Meng, S., Tang, F., Li, C. and Sun, Y.(2020). Nuclear actin regulates inducible transcription by enhancing RNA polymerase II clustering . Science Advances 6(16). DOI: [10.1126/sciadv.aay6515](https://doi.org/10.1126/sciadv.aay6515)

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